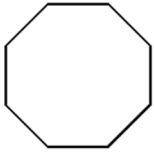


Name _____ Period _____

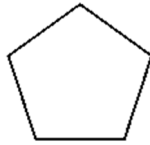
Geometry Unit 8 Worksheet #1

For # 1 – 6, Find the sum of the interior angles in each polygon.

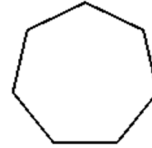
1.



2.



3.



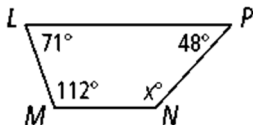
4. 12-gon

5. 18-gon

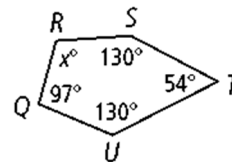
6. 25-gon

For #7-13, find the sum of the interior angles. Then use the sum to find the value of x.

7)



8)



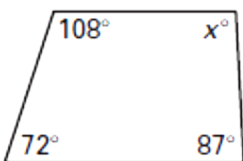
sum _____

x = _____

sum _____

x = _____

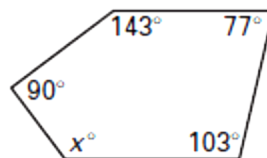
9)



sum _____

$x =$ _____

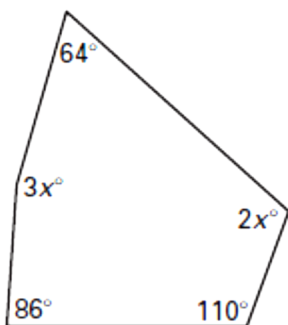
10)



sum _____

$x =$ _____

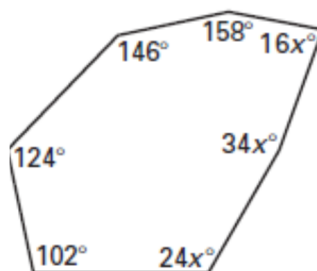
11)



sum _____

$x =$ _____

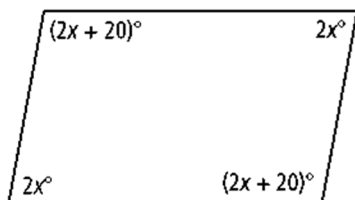
12)



sum _____

$x =$ _____

13)



sum = _____

$x =$ _____